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In the Claims

Art Unit: 1624

Applicant has submitted a new complete claim set showing marked up claims with insertions indicated by underlining and deletions indicated by strikeouts and/or double bracketing.

Please amend claims 38, 39, and 42 as noted below.

Please replace all prior versions, and listings, of claims in the application with the following list of claims:

- 1-37. (Cancelled)
- 38. (Currently Amended) A compound having a formula

$$O = \begin{bmatrix} (R^4)_n & R^3 \\ N & R^2 \end{bmatrix}$$

or a pharmaceutically acceptable salt thereof, wherein:

n is an integer 0 through 2;

R¹ is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl, hetero-eycloalkyl, OR^h, carboxy, nitro, cyano, CHO, carboxamide, thiocarboxamide, R^aC(=O), trifluoromethyl, heteroaryl, and substituted heteroaryl;

R² is OH; or

 R^{1} and R^{2} are taken together with the carbon atoms to which each is attached to form a monocyclic 5- or 6-membered partially saturated ring, wherein 1, 2, or 3 carbon atoms of R^{1} and R^{2} optionally are a heteroatom selected from the group consisting of O, N, S, and P, said ring optionally substituted with one or more =O, =S, =NH, OR^{h} , $N(R^{h})_{2}$, aryl, substituted aryl, heteroaryl, or substituted heteroaryl, said nitrogen or phosphorus heteroatom optionally substituted with a group consisting of aryl, substituted aryl, alkyl, alkyl substituted with $R^{a}C(=O)$, and $R^{a}C(=O)$

R³, independently, is selected from the group consisting of hydrogen, sulfonamido, sulfamyl, sulfonyl chloride, and sulfo;

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wherein R^a is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl, aryl, substituted aryl, heteroaryl, substituted heteroaryl, heterocycloalkyl, and substituted heterocycloalkyl;

wherein R^h, independently, is selected from the group consisting of hydrogen, alkyl, substituted alkyl, cycloalkyl, aryl, substituted aryl, heteroaryl, and substituted heteroaryl; and

R⁴, independently, is selected from the group consisting of OR^h, alkyl, substituted alkyl, aryl, and substituted aryl;

and wherein cycloalkyl is a nonaromatic cyclic hydrocarbon group having three to six carbon atoms;

heterocycloalkyl is a monocyclic, bicyclic, or tricyclic nonaromatic partially unsaturated or saturated ring system having 3 to 10 members and having one to four heteroatoms independently selected from the group consisting of oxygen, nitrogen, and sulfur;

heteroaryl is a cyclic aromatic ring system having five- to ten-ring atoms, wherein one- to four-ring atoms independently are selected from the group consisting of oxygen, nitrogen, and sulfur, and the remaining ring atoms are carbon;

substituted alkyl is an alkyl group having a substituent selected from the group consisting of cycloalkyl, aryl, heteroaryl, heterocycloalkyl, substituted aryl, substituted heteroaryl, substituted heterocycloalkyl, N(R^h)₂, OR^h, SR^h, sulfoxide, sulfonyl, halo, R^aC(=O), carboxy, hydrazino, hydrazono, and hydroxy-amino;

substituted aryl is an aryl group having one to three substituents selected from the group consisting of halo, OR^h , $N(R^h)_2$, CN, alkyl, substituted alkyl, mercapto, nitro, CHO, carboxy, carboxamide, aryl, heteroaryl, cycloalkyl, heterocycloalkyl, $O(CH_2)_{1-3}N$ ($R^h)_2$, $O(CH^2)_{1-3}CO_2H$, and trifluoromethyl;

substituted heteroaryl is a heteroaryl group having one to three substituents selected from the group consisting of halo, OR^h , $N(R^h)_2$, CN, alkyl, substituted alkyl, mercapto, nitro, CHO, carboxy, carboxamide, aryl, heteroaryl, cycloalkyl, heterocycloalkyl, $O(CH_2)_{1-3}N(R^h)_2$, $O(CH_2)_{1-3}CO_2H$, and trifluoromethyl; and

substituted heterocycloalkyl is a heterocycloalkyl group having one to three substituents selected from the group consisting of halo, OR^h , $N(R^h)_2$, CN, alkyl, substituted alkyl, mercapto, nitro, CHO, carboxy, carboxamide, aryl, heteroaryl, cycloalkyl, heterocycloalkyl, $O(CH_2)_{1-3}N(R^h)_2$, $O(CH_2)_{1-3}CO_2H$, and trifluoromethyl.

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- 39. (Currently amended) The compound of claim 38 wherein R^l is selected from the group consisting of OH, CH_2OH , C=N, C=N,
- 40. (Cancelled)
- 41. (Previously Presented) A compound having a formula:

42. (Currently Amended) The compound of claim 38, wherein R¹ is selected from the group consisting of alkyl, substituted alkyl, cycloalkyl, hetero-cycloalkyl, OR^h, carboxy, nitro, cyano, CHO, carboxamide, thiocarboxamide, R^aC(=O), trifluoromethyl, heteroaryl, and substituted heteroaryl, and

R² is OH.

- 43. (Previously Presented) The compound of claim 42, wherein R¹ is a substituted heteroaryl.
- 44. (Previously Presented) The compound of claim 42, wherein n is 0.
- 45. (Previously Presented) The compound of claim 42, wherein R³ is H.
- 46. (Previously Presented) The compound of claim 42, wherein n is 0 and R³ is H.